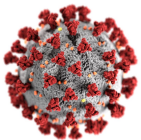


Fulton County COVID-19 Response Update

4/1/20 BOC Meeting

OVERVIEW

- Incident Response Management Team Update
- Human Services Response Update
- Justice System Response Update
- Facilities Response Update
- External Affairs Response Update



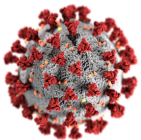


Incident Response Management Team Update

Incident Response Management Team Update

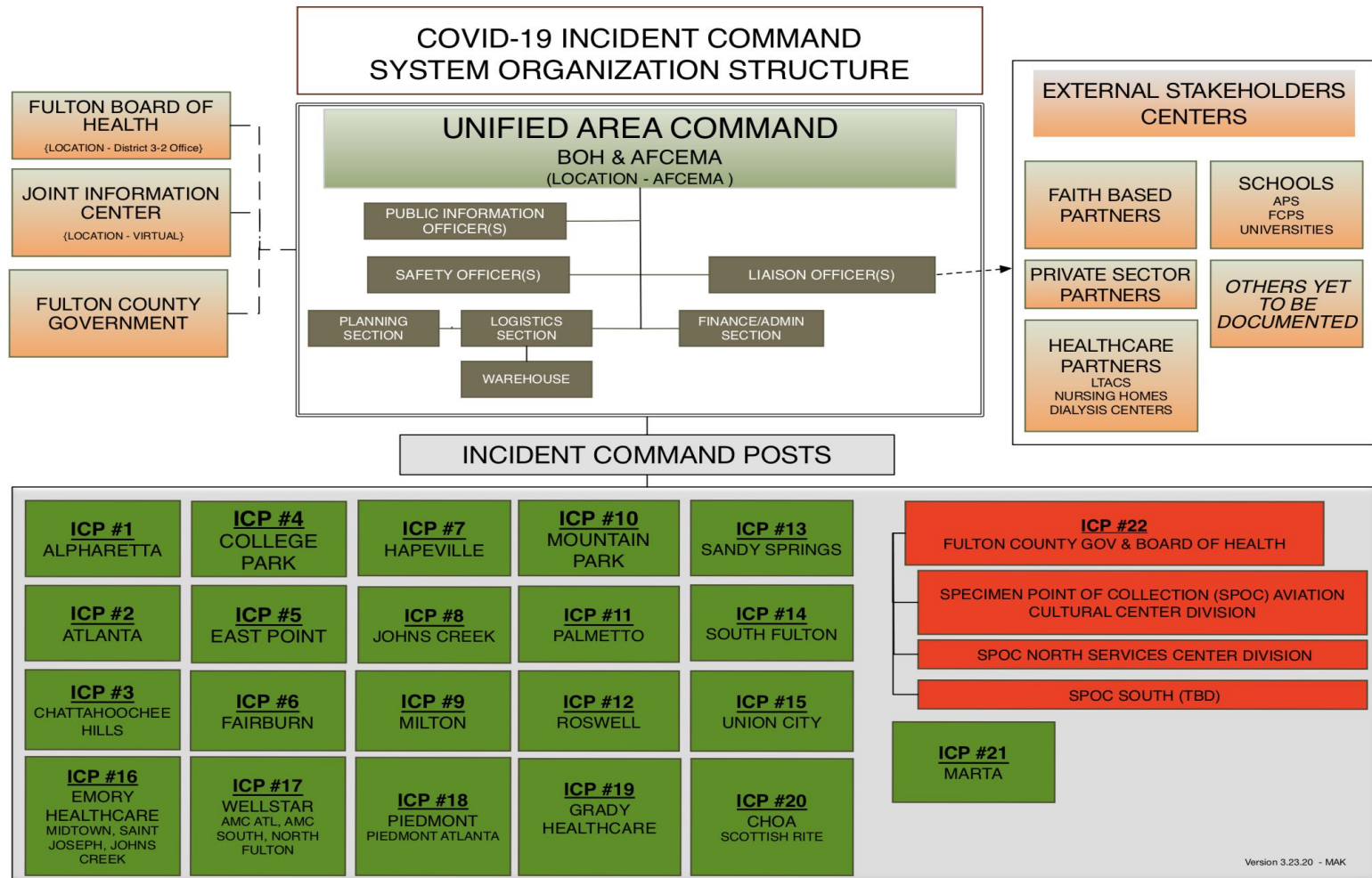
Background

- On 3/2/20, the County Manager and EMA Director approved securing a qualified incident management assistance team.
- Emergency Management Services International (EMSI) arrived on 3/23/20.
- National & International Experience
- EMSI's current charge is to:
 1. Work with EMA/BOH to establish an integrated command structure
 2. Support EMA's implementation of the County's 3-Pronged Response Strategy



Incident Response Management Team Update

Integrated Command Structure



Incident Response Management Team Update

Three-Pronged Response Strategy

SPOC

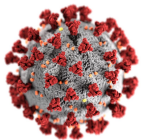
County along with the BOH serves as lead to establish and manage the operation of drive-through specimen collection sites

PPE

County adds value by (1) serving as a collection and distribution point for public health and safety PPE, & (2) maintaining an aggressive stance on pursuing and procuring PPE

PLANNING

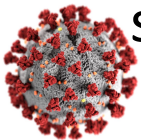
Develop an integrated command & county-wide response process in partnership with hospitals, municipalities, and the BOH, to develop a plan and monitor capacity, infection, recovery, and supplies.



Incident Response Management Team Update

Specimen Point of Collection (SPOC)

- Went live on 3/19
- Increased capacity
 - Added 2nd drive through lane
 - Began with 10 samples collected on day 1, and ramped up to max throughput of 69 tests on 3/30
 - Pre-identified and planned for north and south locations
- Staffed with a combination of BOH, EMA, FCPW, FCPD as well as regional partners including the state incident management team

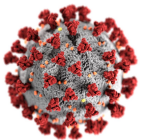


Incident Response Management Team Update

PPE



- Implemented unified warehouse to receive sort and distribute requested PPE
- Streamlined resource request process and provided global awareness
- Coordinated with procurement and finance to ensure proper tracking of expenditures for federal reimbursement
- WebEOC process allows county to calibrate need/request v. provisions.



Incident Response Management Team Update

PLANNING

Long Range Planning Assumptions

*Assumptions are based off of CDC, Emory University and Harvard University statistical probabilities, which are changing as more data is received and evaluated. A very detailed process sheet is available for review.

- Planning period was for 60 days forward and a week backward.
- Fulton County's Population: 1,100,000.
- Fulton County has approximately 1/10th of the total Georgia State Population.
- Fulton County has averaged 15% of the total State Deaths & Cases. Our charts are based on 15% of the state's projections.
- The modeling only includes Fulton County's resources, the assumption is that surrounding counties' population could use Fulton County's facilities and vice-versa.



Incident Response Management Team Update

PLANNING

Long Range Planning Assumptions

- Affected population over the period of pandemic is 20 % to 60 %, these percentages are of reported cases only (Many cases will not report that are either mild or asymptomatic). The determined most probable curve projection is approximately defined as 35% of reported cases.
 - 20% = Best Case (BC)
 - 35% = Most Probable (MP)
 - 60% = Worst Case (WC)
- Total Beds in the County are 4673 staffed beds or 5460 licensed beds, used the staffed beds for modeling.
- 15% of affected population will require hospitalization: Projected COVID-19 Bed use = (771 BC to 1546 WC) of the reported cases will need hospitalization.
- For planning we used a conservative 18% = 850 open beds.) E.G. - 25 % open bed rate which is the national standard



Incident Response Management Team Update

PLANNING

Long Range Planning Assumptions

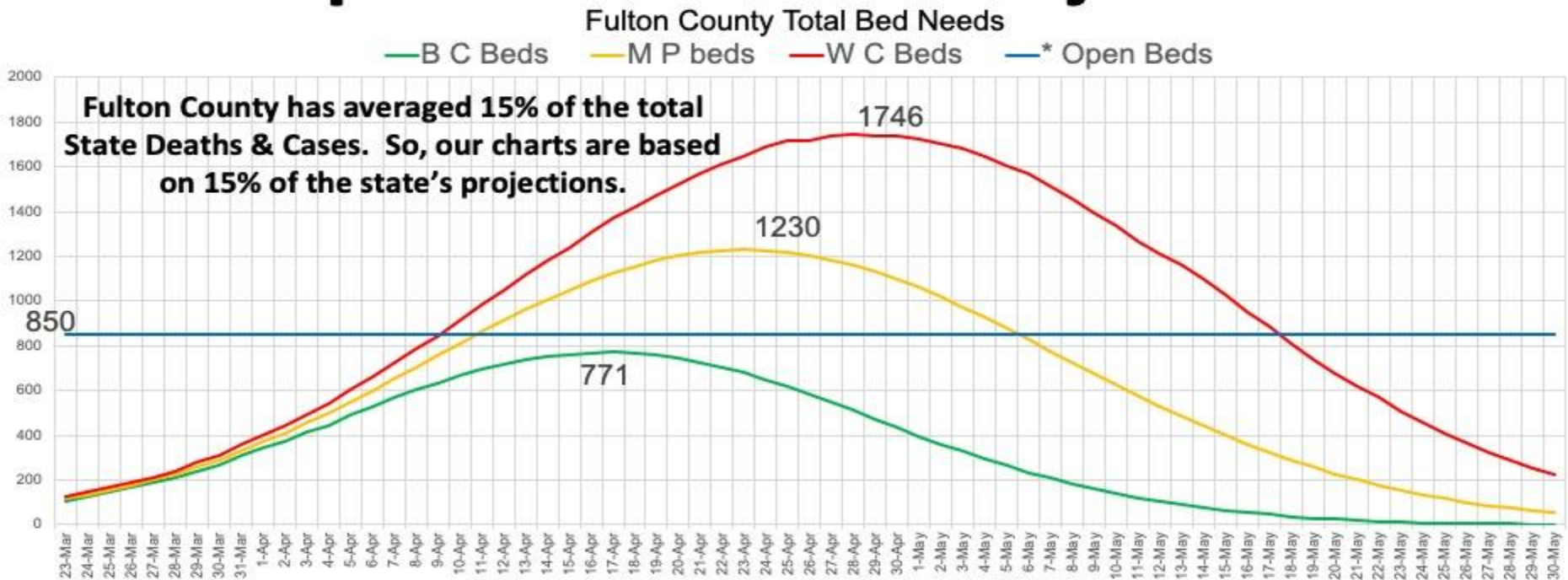
- Of the 15 % hospitalized, 5 % will require ICU care: Projected COVID-19 ICU Bed use = (120 to 266) will need advanced care i.e. ICU and ventilators, ECMO machines...
- ICU beds 751, Unsure what the daily available # is. For planning purposes, used a 20% = 175, (a 25 % open bed rate which is the national standard)
- *Ventilators, the daily open vent rate has been approximately 188 – 48 Peds vents = 133 , used 75 open Vents for planning purposes.
- *Hospital staff shortages, (expect 20% attrition over the planning period) this was not factored in the modeling



Incident Response Management Team Update

PLANNING

Hospital Bed Needs Projections

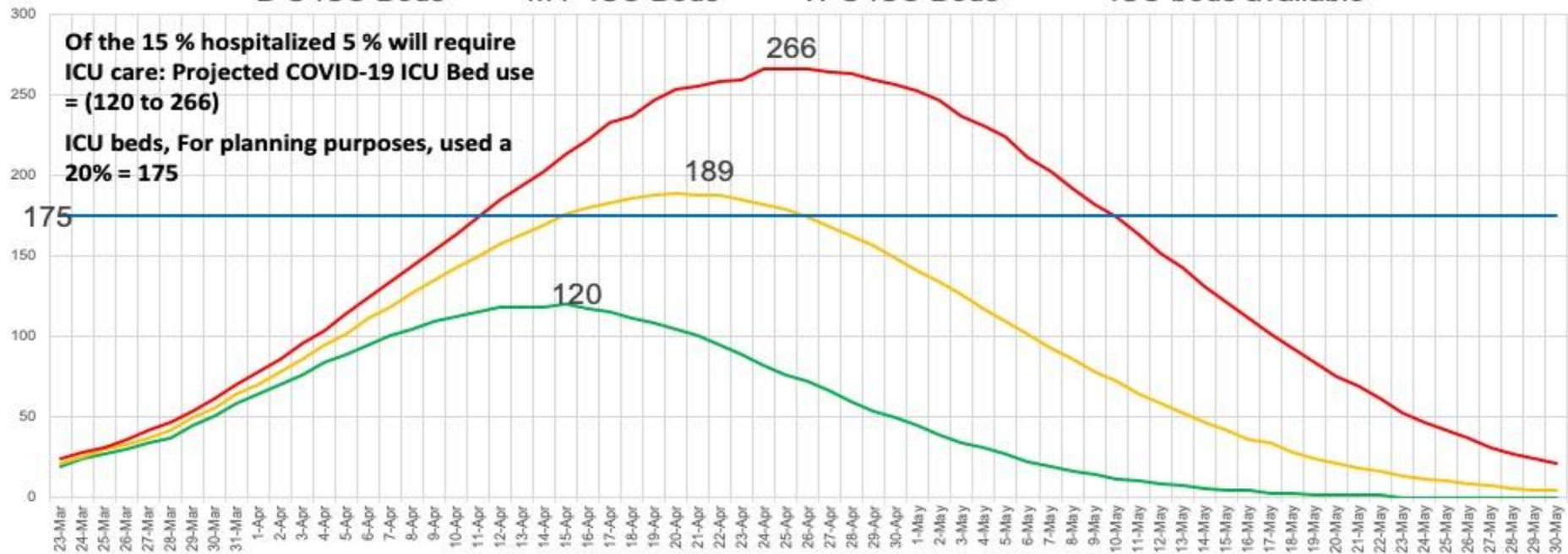


Incident Response Management Team Update

PLANNING

ICU Bed Needs Projections

Fulton County ICU Bed Needs
— B C ICU Beds — M P ICU Beds — W C ICU Beds — * ICU beds available

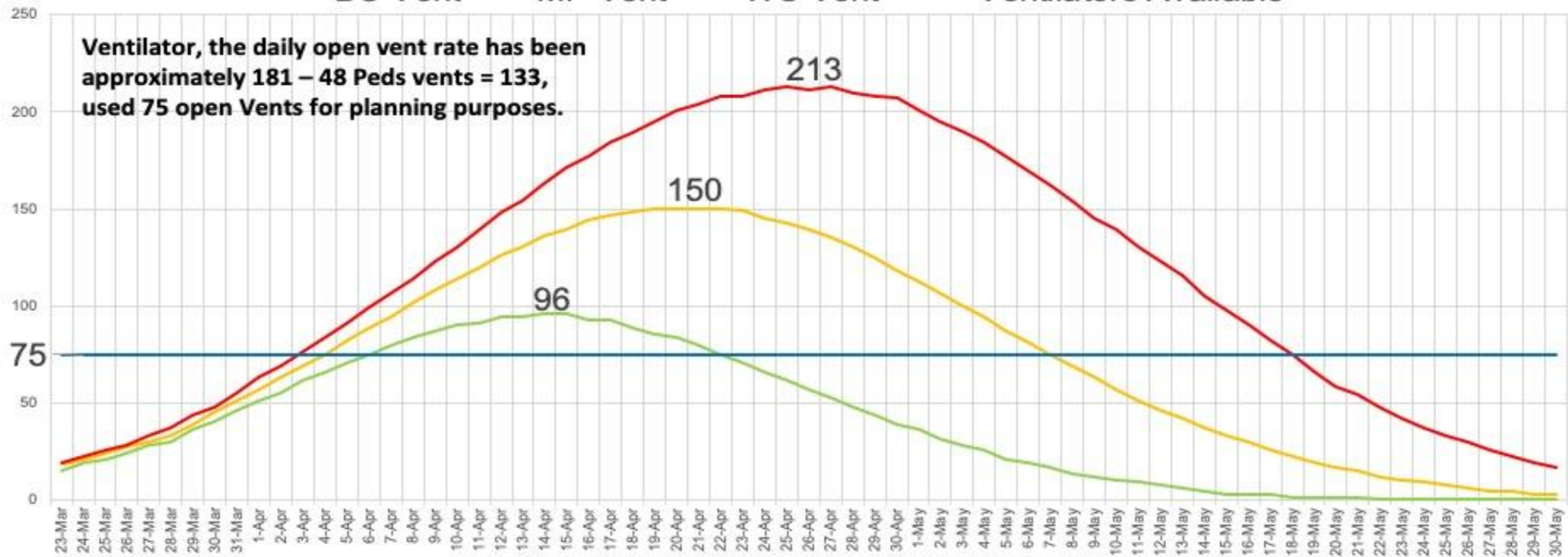


Incident Response Management Team Update

PLANNING

Ventilator Needs Projection

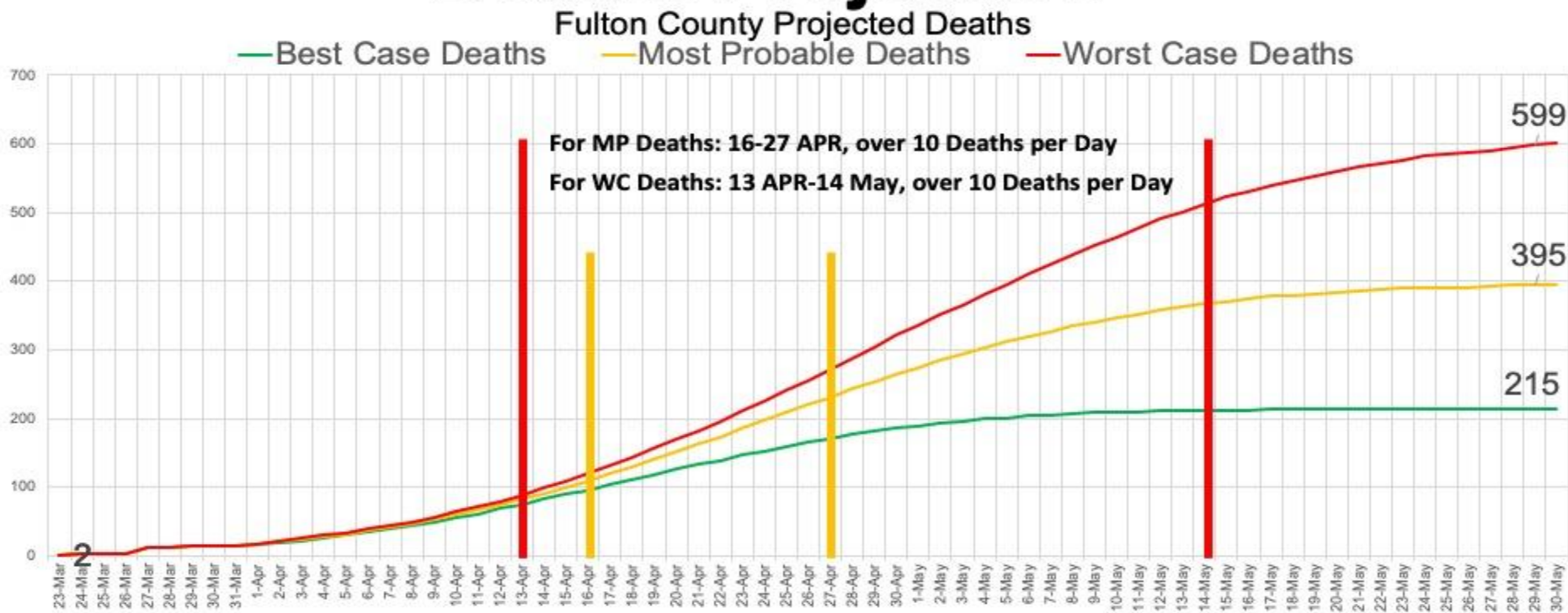
Fulton County Ventilator Needs
— BC Vent — MP Vent — WC Vent — * Ventilators Available



Incident Response Management Team Update

PLANNING

Deaths Projection



Incident Response Management Team Update

PLANNING

Long Range Planning Forecasts & Recommendations (Hospital Beds)

Data is refined every day allowing for more accurate forecasting

Recommendation: Update modeling every 1 to 2 days to refine and adjust planning forecast.

Hospital Beds:

Best Case scenario projects no bed shortage in hospital beds for the period, critical threshold is from 10 April to 24 April.

Most Probable scenario projects a **480 bed shortage** in hospital beds

Recommendation: plan for a 500 bed facility from 7 April to 9 May

Worst Case scenario projects a **721 bed shortage** in hospital beds

Recommendation: plan for 750 bed in multi facilities from 6 April to 20 May

Recommendation: stand-up facilities should be either non COVID-19 or COVID-19 only facilities



Incident Response Management Team Update

PLANNING

Long Range Planning Forecasts & Recommendations (ICU Beds)

Data is refined every day allowing for more accurate forecasting

Recommendation: Update modeling every 1 to 2 days to refine and adjust planning forecast.

ICU Beds:

Best Case scenario projects no shortage in ICU beds

Most Probable scenario projects a **shortage of 15 ICU beds**

Recommendation: plan for a 50 bed ICU facility from 11 April to 29 April

Worst Case scenario projects a **shortage of 91 ICU beds**

Recommendation: plan for 100 bed ICU facility from 9 April to 12 May

Recommendation: one of the stand-up facilities should be a COVID-19 ICU only facility

***ICU beds are included in the total bed count**



Incident Response Management Team Update

PLANNING

Long Range Planning Forecasts & Recommendations (Ventilators)

Data is refined every day allowing for more accurate forecasting

Recommendation: Update modeling every 1 to 2 days to refine and adjust planning forecast.

Ventilators:

Best Case scenario projects a **shortage of 20 ventilators**

Recommendation: plan for 25 extra Vents 6 April to 21 April

Most Probable scenario projects a **shortage of 75 ventilators**

Recommendation: plan for 75 extra Vents 4 April to 7 May

Worst Case scenario projects a **shortage of 138 ventilators**

Recommendation: plan for 200 extra Vents 3 April to 21 May



Incident Response Management Team Update

PLANNING

Long Range Planning Forecasts & Recommendations (Deaths)

Data is refined every day allowing for more accurate forecasting

Recommendation: Update modeling every 1 to 2 days to refine and adjust planning forecast.

Deaths:

Projected for Fulton County:

BC = 215

MP = 395

WC = 602

Recommendation: The highest death rate for the planned period will be 10 to 15 new deaths per day from 13 April to 14 May. Need a better understanding of State & County guidelines, (mandatory cremation, processing, etc.) also space availability, then recommend surge capacity

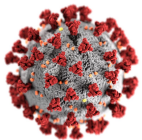




QUESTIONS

Incident Response Management Team Update BOH Update

- Daily Count Update
 - city level data now available
- SPOC testing updates
 - specimen collection criteria
 - additional testing capacity
 - manpower
 - CVS pilot
- BOH Operations
 - staff responsibilities
 - Service delivery
 - essential services
- Current Issues
 - Long Term Care facilities
 - Homeless Shelters
 - Prison
 - Jails
 - Schools
- Needs
 - manpower to support additional SPOCs as more tests become available
 - Short term housing for quarantined/isolated first responders/HCW??





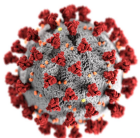
QUESTIONS

Incident Response Management Team Update

Grady Update

Projected Resource Needs - Georgia

- Peak Resource Use – April 23, 2020
- Total Hospital Beds Needed = 8,200
- Total Hospital Beds Available = 8,300
- Total ICU Beds Needed = 1,232
- Total ICU Beds Available = 589
- ICU Bed Shortage = 643
- Total COVID-19 Cases as of 3-31-2020 = 4,117
- Total COVID-19 Deaths as of 3-31-2020 = 125
- Total COVID-19 Deaths Projected to June 1, 2020 = 2,648



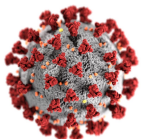
www.covid19.healthdata.org

Incident Response Management Team Update

Grady Update

Resource Needs at Grady

- Supplies
 - Testing
- Staffing
- Space
- Financial
 - Grady is losing \$12.5 million/month due to the COVID-19 pandemic.





QUESTIONS



Human Services Response Update

Human Services Response Update

Senior Participant Meal Services

Program	# Meal Requests	Delivery Method	Frequency	Partner(s)	Outreach
5351 Total					
Adult Day (136)	57	Home Delivered 5 meal pack	1P/W beginning Wednesday, 3/18	Project Open Hand	Staff telephone calls to each participant
Neighborhood Senior (363)	175	Home Delivered 5 meal pack	1P/W beginning Wednesday, 3/25	Project Open Hand	
Multipurpose (4317)	191	Home Delivered Single-serve meal	1P/D beginning Tuesday, 3/24	Piccadilly and Transdev with Senior Services staff	Staff telephone calls to 1700 participants & Auto-Messaging to 2300 participants, with 1-1 followup
Community, Single-Serve Meal Distribution	600 meals 150 for each *multipurpose facility	Curbside Single serve meal	1P/D beginning 3/25	Project Open Hand with Senior Services staff	Participants, community and stakeholders

Human Services Response Update

Homeless Services

01

COORDINATED INTAKE

- Telephone consult with in-person appointments on Tuesdays, weekly
- 83 telephone consultations
- \$11k+ in Rent & Utility assistance

02

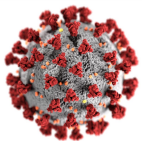
GOVERNOR'S TASK FORCE ON HOMELESSNESS

- FC has representation on Governor's Task Force for the Homeless
- Providing BH and case mgmt support for isolation units

03

MERCY CARE HOMELESS TEST SURGE

- Mercy care providing test surge for 5 area shelters and requested support
- Working with Mercy Care to ensure ongoing funding for this mission





QUESTIONS



Justice System Response Update

Justice System Response Update

Jail

UPDATE

- Total of 13 confirmed cases (as of 3/31/)

SANITIZING

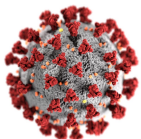
- Protocols established in line with CDC guidelines/best practices

OPERATIONAL ADJUSTMENTS

- Visitation to Jail cancelled until further notice
- Partnering with the court on virtual court sessions

CHALLENGES

- Shortage of PPE problematic
- Expanded capacity for isolation



Justice System Response Update

Courts

UPDATE

- TBD

OPERATIONAL ADJUSTMENTS

- Virtual platform launched for most court calendars on March 24th
- Additional calendars rolled out the week of March 30th
- Predictable new process/technology issues being addressed

CHALLENGES

- Current model creates public safety and public health risk
- Coordinated effort across the system to:
 - Eliminate in person court sessions
 - Reduce the jail population



Justice System Response Update

Medical Examiner

UPDATE

- Minimal Impact to date from COVID 19
- Preparations underway in anticipation of increased need for services

CHALLENGES

- Effort to enhance communication channels and responsiveness
- Recruitment effort for full time positions

OPERATIONAL ADJUSTMENTS

- Temporary/part time staff being utilized to address backlog





QUESTIONS



Facilities Response Update

Facilities Response Update

Sanitizing Protocol

Two directional cleaning responses based on factual evidence provided including confirmed positive, dates, list of areas and symptoms exhibited:

Confirmed Positive

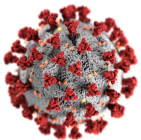
Employee/Contractor/Patron

- Close the area until further notice
- 14-day quarantine all staff in area
- Decontamination using restoration contractor

Symptomatic

Employee/Contractor/Patron

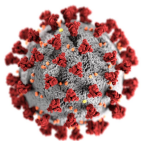
- Close the area for remainder of business day
- 7-day quarantine for individual exhibiting symptoms
- Wipe down using janitorial contractor



Facilities Response Update

FC Buildings with Exposure & Sanitizing Action

EXPOSED FACILITY	SANITIZING STATUS
Alpharetta Library	Complete as of 3/23
Milton Library	Complete as of 3/19
Central Training Center	Complete as of 3/19
Courts - Deed Room	Complete as of 3/25
Darnell Senior Center	Complete as of 3/26
Government Center - Limited Area	Complete as of 3/27
Bowden Senior Center	Cleared (by BOH) as of 3/31
Jail	Complete & Inmates Isolated



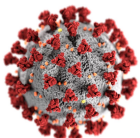
Facilities Response Update

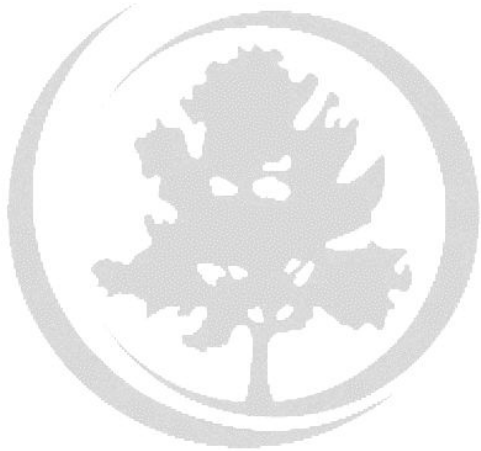
Preparing: Eventual Reopening of Our Government

FACILITY	JANITORIAL CONTRACTOR	FULL CIRCLE	CRM SERVICES
Government Center Complex	\$0	\$110,307	\$463,383
Justice Center Complex	\$0	\$196,357	\$931,641
Juvenile Justice Center	\$0	\$60,554	\$203,500
North Annex	\$0	\$21,124	\$49,731
TOTAL*	\$0	\$388,342	\$1,648,255
METHODOLOGY			
	Current Symptomatic Employee/Patron Response	Current Positive Test Response	Current Positive Test PLUS Barrier
	Wipe down of all surfaces (door knobs/handles, elevator keypads, countertops, tables, chairs, restrooms, etc) using a CDC-approved disinfectant.	Fogging of all areas using electrostatic sprayer with approved disinfectant followed by wipe down of all surfaces.	Fogging of all areas using electrostatic sprayer with approved disinfectant followed by wipe down of all surfaces with separate peroxide-based disinfectant leaving 7-10 day residual antiviral barrier.

At the appropriate time, we will work with th BOH to determine which, if any, sanitizing option would be appropriate in order to safely re-open the facilities

Totals only include facilities listed





QUESTIONS

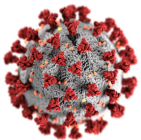


External Affairs Response Update

External Affairs Response Update

Fulton County COVID-19 Website

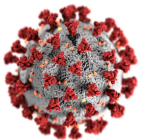
- Web page was launched on March 20 with resources regarding COVID-19 response:
www.fultoncountyga.gov/covid-19
- Updates are made to the date daily from reliable sources
- The site also includes a dashboard created by the Fulton County GIS team



External Affairs Response Update

Town Halls, Pressers, and Public Engagement

- Press briefings held on March 18, March 20, and March 24
- Positive news stories about Fulton County's COVID-19 response have included a story on WSB-TV highlighting senior services meal delivery, and a segment on V-103 with the Director of Behavioral Health Services
- Tele-town hall meeting held on March 24, hosted by Chairman Pitts, with participation from the County Manager, Fulton County Board of Health, Grady, the Georgia Department of Labor and the U.S. Small Business Administration





QUESTIONS